

Elaine McCluskey

From: Elaine McCluskey [mccluskey@fnal.gov]
Sent: Tuesday, January 18, 2005 12:08 PM
To: Bill Foster; Chuck Federowicz; David Finley; David Harding ; Dixon Bogert; Duane Plant; Ed Crumpley; 'Erene Noyola'; Fernanda Garcia; 'Margie Bruce'; Rich Stanek; Shekar Mishra; 'Steve Geer'; Tom Lackowski; Vic Kuchler; Weiren Chou
Subject: Notes from 1.12.05 Linac Proton Driver Meeting - Civil

NEXT MEETING WILL BE 1/19/04 IN conFESSional AT 9:30 A.M.

Attendees: Bill Foster, Fernanda Garcia, Chuck Federowicz, Tom Lackowski, Rich Stanek, Weiren Chou, Dixon Bogert, Elaine McCluskey

Items discussed:

1. Weekly PD meetings will be happening on Wednesday afternoons. Will cover both physics and machine. Bill encouraged everyone to attend.
2. New website is up and running. It was viewed during the meeting. Bill asked Elaine to look at how civil information could be kept up from FESS end.
3. Directors Review has been tentatively scheduled for March 15-17. Several from civil working group will be asked to make presentations. Will include people from outside the lab – agenda being finalized hopefully this week. Tom suggested having a civil person on the review group, not just scientists.
4. Joint workshop planned for late May for NUI/ANL/FNAL that would include international participation, especially Europeans.
5. Weiren asked about the injection absorber shown on the plans. All concurred that the parameters were still not final, and that the arrangement shown in conservative, but ok for this stage of development. Bill said that there may be two extractions to accommodate and accumulate particles for using recycler to direct particles for neutrino experiments.
6. Weiren also asked about the environmental assessment necessary for the project and how the MI work would be included. Elaine said that Rod Walton's ESH chapter for the report included the statement that the PD EA should encompass the upgrades at MI.
7. Status of drawings/text for CD0 report: Bill thought the documents look fine for now. No further work required at this time on them. Director's review will show 0.5MW machine information, and not show costs for 2MW.
8. Future work: Bill asked for the following
 - a. More complete flushing out of the 2MW upgrade for electrical/mechanical, especially for MI upgrades. Bill said all RF should be done at F-0, not MI30. Weiren confirmed that data presented during the summer would be correct still. Elaine said that the electrical portion of this would require tasking a consultant electrical engineer, John Santic.
 - b. Cost estimate for Lake Logo restoration.
 - c. Documentation for justification for not burying linac gallery building.
 - d. Schedule including environmental milestones for civil construction, including plausible durations for shutdowns for crossings and connections.
 - e. Documentation of why ramp to facility for installation doesn't make sense.
 - f. Rich asked if more work should be done or if drawings should show cryo penetration into the enclosure. Bill said that more detailed information is required from the cryo design before civil is iterated to show what this looks like.
9. Charges for work from here: Bill asked if using Operating Funds was still viable. Elaine indicated that Engineering had been given direction from the Directorate to continue to use Operating Funds (at no cost to the customer, but with concurrence of Jed Brown for each task) for this project. This would include the consultant electrical engineer.

1.

ITEMS FOR NEXT WEEK:

See what's been accomplished on the Future Work listed above

NEXT MEETING WILL BE 1/19/05 IN conFESSional AT 9:30 A.M.

Elaine McCluskey

1/25/2005

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